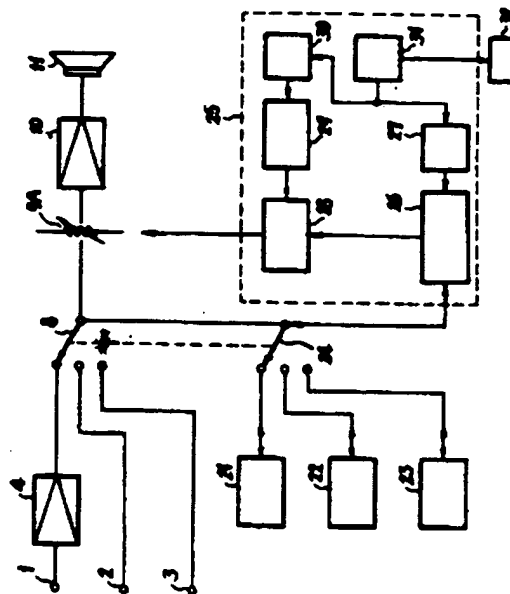


# Patent Abstracts of Japan

TITLE : STORAGE DEVICE FOR LEVEL  
CORRECTION INFORMATION



**CONSTITUTION:** One input is selected as a reference level. An input terminal and a memory are selected with switches 8 and 24. The selected input signal is supplied to an amplifier 10 through an electronic volume control 9A and then listened to through a speaker 11. At this time, the electronic volume 9A is set to a proper sound volume. As a result, the extent of attenuation which corresponds to the input signal level is obtained. Information on the extent of attenuation is stored in the memory. Then, the firstly determined reference level is compared with another input signal to obtain the extent of attenuation adequate for the other input signal. Thus, a level difference between the sound volumes obtained by switching the input sources is eliminated.

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# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 10098344  
PUBLICATION DATE : 14-04-98

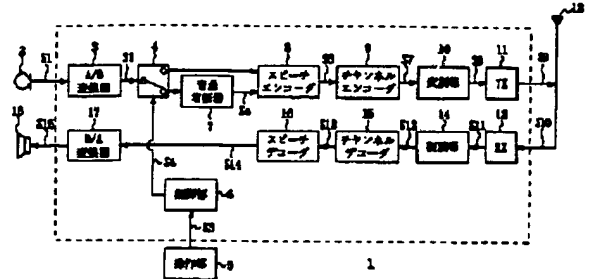
APPLICATION DATE : 20-09-96  
APPLICATION NUMBER : 08271532

APPLICANT : SONY CORP;

INVENTOR : MAEDA YUJI;

INT.CL. : H03G 3/30 H04B 1/38 H04M 1/60

TITLE : VOICE AMPLIFIER, COMMUNICATION  
TERMINAL EQUIPMENT AND  
VOICE-AMPLIFYING METHOD



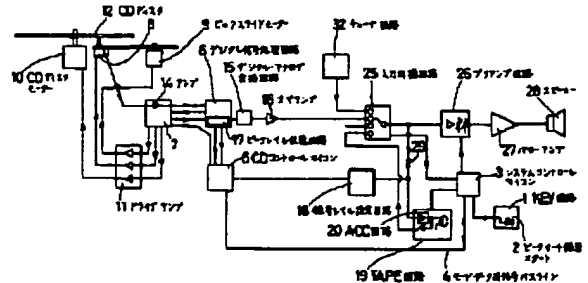
ABSTRACT : PROBLEM TO BE SOLVED: To easily optimize a volume, without requiring user's labor and time for a communication terminal equipment.

SOLUTION: An amplitude ( $a_0$ ) is decided, corresponding to the signal level of an inputted voice S1 to provide a voice-amplifying means 7 amplifying the inputted voice based on the amplitude. Thereby the amplitude is adaptively switched corresponding to a signal level. Namely, as the amplitude is reduced, when the signal level of the inputted voice becomes high, the inputted voice can be amplified so as not to generate clipping noises. Thus, a volume is easily optimized without requiring user's labor and time.

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# Patent Abstracts of Japan

TITLE : DISK REPRODUCING DEVICE



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